

Functors Defined by Reflexive K-Spaces, by
V. A. Geyler.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
1969, pp 17-19.
The Am Math Soc
Vol 10, No 5, Sept-Oct 1969

Mar 70

403,974

On Subelliptic Pseudodifferential Operators, by
Ju. V. Yegorov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
1969, pp 20-22.
The Am Math Soc
Vol 10, No 5, Sept-Oct 1969

Mar 70

403,975

Inertial Games, by I. V. Yemel'lin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
1969, pp 25-26.
The Am Math Soc
Vol 10, No 5, Sept-Oct 1969

Mar 70

405,976

The Behnke-Stein Kernel and Closed-Form Solution of
Riemann's Boundary Value Problem on the Torus, by
Ye. I. Zverovic.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
1969, pp 27-30.

The Am Math Soc

Vol 10, No 5, Sept-Oct 1969

Mar 70

405,977

On Continuous Decompositions of Collectively Normal
Spaces, by N. S. Lasnev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
1969, pp 31-32.
The Am Math Soc
Vol 10, No 5, Sept-Oct 1969

Mar 70

403,978

A Topological Version of Slupecki's Theorem for
Certain Compacta, by A. A. Mal'cev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
1969, pp 53-56.

The Am Math Soc

Vol 10, No 5, Sept-Oct 1969

Mar 70

405,979

On asymptotically Efficient Estimation of Regression
Coefficients, by Ju. A. Rozanov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
1969, pp 37-40.

The Am Math Soc

Vol 10, No 5, Sept-Oct 1969

Mar 70

403,980

On Boundary Values of Generalized Solutions of
Elliptic Equations, by Ja. A. Roytberg.
RUSSAIN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
1969, pp 41-44.
The Am Math Soc
Vol 10, No 5, Sept-Oct 1969

Mar 70

403,981

Scheme Programming Languages, by K. V. Sahbazjan.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
1969, pp 45-48.
The Am Math Soc
Vol 10, No 5, Sept-Oct 1969

Mar 70

403,982

Averaging in Systems of Nonlinear Integro-Differential
Equations, by A. A. Il'yushin,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 188, No 1,
1969, pp 49-52.
Am. Inst. of Phys.
Vol 14, No 9, 1970

Apr 70

406,713

Angular Distribution in the Elastic Scattering of
High-Energy Hadrons, by S. A. Azimov,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 188, No 1,
1969, pp 53-55.
Am. Inst. of Phys.
Vol 14, No 9, 1970

Apr 70

405,687

On the Theory of the Effect of Radiation on the
Motion of Electrons in Accelerators, by V. N. Baier,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 188, No 1,
1969, pp 56-59.
Am. Inst. of Phys.
Vol 14, No 9, 1970

Apr 70

405,608

Recombination Radiation Associated with the Pinch
Effect in a Nondegenerate Semiconductor Electron-
Hole Plasma, by I. I. Boiko,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 188, No 1,
1969, pp 60-63.
Am. Inst. of Phys.
Vol 14, No 9, 1970

Apr 70

406,689

Increase in the Symmetry of the Luminescence Centers
in Europium Benzoylacetonate in Response to
Hydrostatic Pressure, by V. A. Voloshin,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 188, No 1,
1969, pp 64.
Am. Inst. of Phys.
Vol 14, No 9, 1970

Apr 70

406,690

Spontaneous Unipolar Charging of Beta-Active "Hot"
Aerosol Particles, by V. D. Ivanov,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 100, No 1,
1969, pp 65-68.

Am. Inst. of Phys.

Vol 14, No 9, 1970

FTD HT Special 34-70

Apr 70

406,691

Nonlinear Excitation of Drift Waves in a Nonhomo-
geneous Plasma, by B. B. Kadomtsev,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 188, No 1,
1969, pp 69-72.
Am. Inst. of Phys.
Vol 14, No 9, 1970

Apr 70

405,692

Determining the Parameters of a Dense Plasma from
the Shift and Half-Width of Satellites in the
Spectrum of Scattered Light, by L. M. Pyatnitskiy,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 188, No 1,
1969, pp 73-76.
Am. Inst. of Phys.
Vol 14, No 9, 1970

Apr 70

406,693

Binding Energy of Two Particles in a State Described
by the Schrodinger Equation with a Screened Coulomb
Potential, by V. L. Sedov,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 188, No 1,
1969, pp 77-79.
Am. Inst. of Phys.
Vol 14, No 9, 1970

Apr 70

406,694

Electrical Resistance of Surface Layers of Metals
and the Mechanism of Seizure, by B. I. Kostetskiy,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 100, No 1,
1969, pp 80-82.
Am. Inst. of Phys.
Vol 14, No 9, 1970

Apr 70

405,706

On the Reliability of Stabilized Superconducting
Magnetic Systems, by V. V. Sychev,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 188, No 1,
1969, pp 83-85.
Ann. Inst. of Phys.
Vol 14, No 9, 1970

Apr 70

400,707

An Extension of the Law Connecting Electron Concentration and the Type of Crystalline Structure,
by I. M. Chapnik,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 168, No 1,
1969, pp 86-88.
Am. Inst. of Phys.
Vol 14, No 9, 1970

Apr 70

406,700

Effect of the Growth Rate of Rhombohedra on the
External Form of Vertices in Quartz Crystals,
by V. S. Balitskiy,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 188, No 1,
1969, pp 89-92.
Am. Inst. of Phys.
Vol 14, No 9, 1970

Apr 70

406,681

Change in Catalytic Activity of Zeolite as a
Function of Valence of the Metal Ion Contained
in it, by Z. V. Gryaznova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 1,
Nov 1969, pp 105-108.

CB

July 70

Method of Studying Kinetics of Substitution
Reactions of Low-Molecular-Weight Radicals
in Solid Polymers, by O. A. Zaporozhskaya.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 1,
Nov 1969, pp 109-111.
CB

July 70

Acceleration of Sublimation of Platinum,
Palladium, and a Platinum-Rhodium Alloy Under
Tensile Stress in Air, by I. I. Novikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 139, No 1,
Nov 1969, pp 112-114.
CB

July 70

Interdependence of Acid-Base and Oxidation-
Reduction Properties in a Series of Substituted
Ferrocenes, by A. A. Pendin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 1,
Nov 1969, pp 115-118.
CB

July 70

Thermochemical Studies of the Adsorption of
Water by Vermiculite, by Yu. I. Tarasevich.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 1,
Nov 1969, pp 119-122.
CB

July 70

Conditions for Formation of Stable Emulsions
in the Paraffin-Hydroxyquinoline System, Near
the Critical Mixing Regime, by E. D. Shchukin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 189, No 1,
Nov 1969, pp 123-126.
CB

July 70

Description of Chemical Reactions in a Source Field
of Rapidly Oscillating Intensity, by A. M. Brodskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
Sept 1969, pp 131-134.
CB

May 70

407,075

Relation of Two Combustion Anomalies of Power Tubes,
by Yu. A. Gostintsev.
RUSSIAN, per, Dok ak Nauk SSSR, Vol 188, No 1,
Sept 1969, pp 135-136.
CB

May 70

407,076

Hindered Interaction of the Electron Pairs of
Elements of Group V* Dipropargylamine Nitrogen,
by R. G. Kostyanovskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
Sept 1969, pp 137-140.
CB

May 70

407,077

Method of Cluster Components in the Solution
Theory, by A. N. Men".
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
Sept 1969, pp 141-144.
CB

May 70

407,078

Gas Phase Polymerization of Formaldehyde in an
Open System, by P. I. Penchev,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
Sept 1969, pp 145-147,
CB

Ma. 70.

407,079

Catalytic Polymerization of Ethylene by Nitrile
Complexes of Transition Metals, by A. D. Pomogailo.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
Sept 1969, pp 148-151.
CB

May 70

407,080

Effect of the Interaction Energy in the Phase
Boundary on the Flexibility and Packing Density
of Polymer Chains, by A. Ye. Fayinerman.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
Sept 1969, pp 152-155.
CB

May 70

407,081

Relationship Between Chromatographic Retention
Factors and Thermodynamic Dissolution Parameters,
by S. S. Yufit.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
Sept 1969, pp 156-159.

CB

407,082

May 70

Effect of Conditions of Alkaline Coal
Extraction on the Composition of Humic
Acids, by N. M. Karavayev
RUSSIAN, per, Dok Ak Nauk SSSR, Chem
Tech., Vol 188, No 1, Sep 1969,
pp 160-163.
CB

Nov 70

Radioisotope Study of Internal Processes
and Physical and Mechanical Properties
of Disperse Systems Undergoing Vibrational
Compaction, by B. A. Lishanskii
RUSSIAN, per, Dok Ak Nauk SSSR, Chem
Tech., Vol 188, No 1, Sep 1969,
pp 164-165.
CB

Nov 70

Early Visian Paleogeography of the Northeast
European Part of the USSR, by L. N. Belyakov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
1969, pp 167-169.
AGI

July 70

New Data on the Age of the Lovozero Sedimentary
Volcanic Suite, Kola Peninsula, by
I. V. Bussen.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
1969, pp 170-172.
AGI

July 70

Main Factors which Have Determined the Composition of Sands of the Transunguzian Kara Kum, by A. B. Vistelius.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1, 1969, pp 173-176.
AGI

July 70

A Find of Fossils in Granite of the Central
Urals, by N. P. Malakhova,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
1969, pp 177-179.
AGI

July 70

New Data on the Jatulian of Eastern Karelia,
by A. V. Pekurov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
1969, pp 180-182.
AGI

July 70

Quantitative Tectonics, by A. I. Rybin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
1969, pp 183-186.
AGI

July 70

Stratigraphy of the Karelides in the Northwestern
Part of the Kola Peninsula, by S. N. Suslova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
1969, pp 187-190.
AGI

July 70

The Riphean of the Omolon Block, by R. S. Furduey.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
1969, pp 191-193.
AGI

July 70

Physicochemical Conditions During Formation of
Rare-Metal Pegmatite of the Sodium-Lithium Type,
by L. Sh. Bazarov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
1969, pp 194-197.
AGI

July 70

Triclinicity of Potassic Feldspar as One
Indication of the Depth of Formation of
Hypogene Ore Deposits, by A. I. Grabezhev,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
1969, pp 198-200.
AGI

July 70

Conditions During Formation of Chloritoid and
Staurolite in Metapelite of the Patom Uplands,
by B. V. Petrov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
1969, pp 201-204.

AGI

July 70

Petrochemistry of Phyllites in Various
Metamorphic Zones (North Baikal Uplands), by
V. Ya. Khil'tova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
1969, pp 205-208.
AGI

July 70

7

Mesoplankton Biomass in Different Climatic Zones
in the Ocean Surface Layer, by V. G. Bogorov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1,
1969, pp 209-211.
AGI

July 70

Escherichia coli Mutants Deficient for Glucose-6-
Phosphate Dehydrogenase, by V. N. Gershanovich,
D. N. Mandzhgaladze.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1, *Biol Sci.*
1969, pp 212-214.
CB

May 70

Anaerobic Formation of Acetate from CH_3OH , CH_2O ,
 HCOOH , Na_2CO_3 by Cell Suspensions of a Thermophilic
Culture of *Methanobacillus kuzneceovii*, by
Ye. S. Panteskhava.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1, *Biol. Sci.*
1969, pp 215-218.

CB

May 70

Photosensitization of Oxidation-Reduction
Reactions by Chlorophyll and its Analogs in
Presence of ~~top~~ Electron Acceptors
by V. B. Evstigneev, V. A. Gavrilova
RUSSIAN, per, Dok. Ak. Nauk SSSR, Ser Physics,
Vol 188, No 1, Sept. 1969 pp 219-222
Consultants Bureau

July 70

Change in Reactivity of Tissue Sulphydril Groups
After Whole-Body and Partial Irradiation of Animals
by T. A. Speranskaya,
RUSSIAN, per, Dok. Ak. Nauk SSSR, Ser Physics,
Vol 188, No 1, Sept 1969, pp 223-226
Consultants Bureau

July 70

Binding of Diols by Lipids of Ripening Corn Seeds,
by V. A. Vaver.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, 1969,
No 1, pp 227-229.

CB

Jul 70

The First Terrestrial Leech in the Fauna of the
USSR: A Tertiary Relict of Forests of the Southern
Maritime Territory, by M. S. Gilyarov,
Ye. I. Lukin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1, *Biol Sci*
1969, pp 235-237.

CB

May 70

Troglodytes and Hominids in the Systematics and
Evolution of the Higher Primates, by

B. F. Porshnev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1, *Book 50*
1969, pp 238-241.

CB

May 70

The Effect of Castration on the Process of Wing
Muscle Degeneration in the Domestic Cricket,
by O. M. Bocharova-Messner, I. V. Chudakova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1, *Biol Sci*
1969, pp 242-244.
CB

May 70

Electron-Microscopic Investigation of Neurosecretory
Elements of the Proximal Neurosecretory Contact
Region of Some Sturgeons, by P. Ye. Garlov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1, *Biol Sci*
1969, pp 245-248.

CB:

May 70

Reactions of Neurons in the Cerebella Nuclei to
Adequate Stimulation of the Cat Vestibular Apparatus,
by R. A. Grigor'yan, Ye. M. Kristi.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1, *Biol Sci.*
1969, pp 249-252.

CB

~~SECRET~~

May 70

Absorption and Elimination of Phospholipids by the
Dog Brain After Unilateral Removal of the Superior
Cervical Sympathetic Ganglion, by

K. G. Karagezyan, L. M. Ovsepyan.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 1, Biol. Sci.
1969, pp 253-255.

CB

May 70

Some Estimates for a Singular Integral with
Summable Density, by S. K. Abdullayev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
1969, pp 263-265.
The Am Math Soc
Vol 10, No 5, Sept-Oct 1969

Mar 70

403,985

On the Coefficient Problem in the Theory of
Univalent Functions, by I. A. Aleksandrov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
1969, pp 266-268.
The Am Math Soc
Vol 10, No 5, Sept-Oct 1969

Mar 70

405,984

Semi-Integral and Quasi-Nuclear Mappings, by
B. S. Brudovskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
1969, pp 269-271.
The Am Math Soc
Vol 10, No 5, Sept-Oct 1969

Mar 70

405,985

The Solution of Discrete Programming Problems by the
Construction of a Sequence of Schemes, by
V. A. Yemelicev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
1969, pp 272-273.

The Am Math Soc

Vol 10, No 5, Sept-Oct 1969

Mar 70

405,986

The Regular Points, Spectrum and Eigenfunctions of
Nonlinear Operators, by R. I. Kacurovskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
1969, pp 274-277.
The Am Math Soc
Vol 10, No 5, Sept-Oct 1969

Mar 70

405.987

On a Certain Form of the Optimality Conditions, by
Ju. P. Krivenkov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
1969, pp 278-281.

The Am Math Soc

Vol 10, No 5, Sept-Oct 1969

Mar 70

405,988

On Completely Irreducible Mappings of Completely
Regular Spaces, by N. S. Lasnev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
1969, pp 282-285.

The Am Math Soc

Vol 10, No 5, Sept-Oct 1969

Mar 70

403,989

On Topological Groups, by B. A. Pasynkov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
1969, pp 286-289.
The Am Math Soc
Vol 10, No 5, Sept-Oct 1969

Mar 70

403,990

On Saturated and Completely Saturated Subspaces of
Certain Sequence Spaces, by V. S. Rublev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
1969, pp 290-293.

The Am Math Soc

Vol 10, No 5, Sept-Oct 1969

Mar 70

405,991

Arcally Orthogonal Polynomial and Bieberbach's
Polynomial, by P. K. Suetin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
1969, pp 294-296.

The Am Math Soc

Vol 10, No 5, Sept-Oct 1969

Mar 70

405,992

Radiobrightness Distribution Over the Disk of
Venus at 8mm, by V. Ya. Gol'nev,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 188, No 2,
1969, pp 297-299.
Am. Inst. of Phys.
Vol 14, No 9, 1970

~~Sci/Mat~~

Apr 70-

406,600

The Calculation of Reflection and Transmission
Coefficients of Electromagnetic Waves for a Spheric-
ally Laminated Anisotropic Layer by the Method of
Impedance and Field Scalings, by P. E. Krasnushkin,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 188, No 2,
1969, pp 300-303.
Am. Inst. of Phys.
Vol 14, No 9, 1970

Apr 70

406,685

Light-Emitting Diodes with Radiation Hysteresis,
by Ye. I. Adirovich,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 188, No 2,
1969, pp 304-307.
Am. Inst. of Phys.
Vol 14, No 9, 1970

Apr 70

406,695

Special Properties of the Fluorescence of the
Vapors of Anthracene Derivatives, by N. A. Borisovich,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 188, No 2,
1969, pp 308-310.
Am. Inst. of Phys.
Vol 14, No 9, 1970

Apr 70

406,696

Heat Transfer in a Plasma Due to the Buildup of
Instability of Nonconducting Electrons,
by B. B. Kadomtsev,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 180, No 2,
1969, pp 311-314.
Am. Inst. of Phys.
Vol 14, No 9, 1970

Apr 70

406,697

Kinetics of Unipolar Charging of Beta-Active "Hot"
Particles in an Electric Field, by V. N. Kirichenko,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 188, No 2,
1969, pp 315-317.
Am. Inst. of Phys.
Vol 14, No 9, 1970

Apr 70

406,698

Interpretation of the Absorption Spectrum of a
Cesium Uranyl Chloride Crystal, by A. I. Komyak,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 188, No 2,
1969, pp 318-321.
Am. Inst. of Phys.
Vol 14, No 9, 1970

Apr 70

406,699

Bloch Functions of a Relativistic Charged Particle
in a Magnetic Field, by I. A. Malkin,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 186, No 2,
1969, pp 322-325.
Am. Inst. of Phys.
Vol 14, No 9, 1970

Apr 70

406,700

Low-Temperature Plastic Deformation of the Surface
of Silicon Single Crystals, by V. P. Alekhin,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 188, No 2,
1969, pp 326-329.
Am. Inst. of Phys.
Vol 14, No 9, 1970

Apr 70

406,709

Mechanical Electromagnet as an MHD Dynamo,
by I. M. Kirko,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 188, No 2,
1969, pp 330-333.
Am. Inst. of Phys.
Vol 14, No 9, 1970

Apr 70

406,710

Properties of Sound Signals Reflected From the
Sea Surface, by Yu. Yu. Zhitkovskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
1969, 334-337.

Dept of Navy APL/JHU T-2413

ACI

Sci/Phys
May 70

407,111

The Evolution of Fusion Zones During the Thermal
History of the Earth, by A. N. Tikhonov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
1969, pp 338-341.
AGI

July 70

Crystal Structure of Stephanite As_5SbS_4 ,
by A. A. Petrunina,
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 188, No 2.
1969, pp 342-344.
Am. Inst. of Phys.
Vol 14, No 9, 1970

Apr 70

406,682

The Formation of a Highly Active Anticholinesterase
Compound by Reaction of O-Pinacolyl-S-Beta-
Ethylmercaptocethylmethylthiophosphonate with
the Reactivator TMB-4, by R. I. Volkova, 8 pp.
RUSSIAN, per, Doklady Akademi Nauk SSSR,
Moscow, Vol 188, No 2, 11 Sept 1969, pp 354-357.
JPRS 49545

Sci-Chem
Jan 70

399,342

Nature of the Proton Centers in Catalytically
Active Zeolites, by V. G. Gvakhariya.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
Sept 1969, pp 379-382.
CB

May 70

407,083

Quantum-Mechanical Model of a Polar Liquid, by
R. R. Dogenadze.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
Sept 1969, pp 383-386.
CB

May 70

407,084

Effect of the Origin of H_2^+ Ions on the Cross
Section for the Formation of HeH^+ Ions, by
V. V. Ivanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
Sept 1969, pp 387-390.
CB

407,085

May 70

Theory of the Vibronic Spectra of Polyatomic
Molecules, by A. V. Lukashin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
Sept 1969, pp 391-394.
CB

May 70

407,086

Kinetic Model for the Polymerization of Formaldehyde
Under the Action of Triethylamine, by
P. I. Penchev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
Sept 1969, pp 395-397.
CB

May 70

407,087

Optimum Separating Agent, by O. Ya. Samoilov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
Sept 1969, pp 398-400.
CB

May 70

407,088

T-C-P Phase Diagram of the Pb - Sn System, by
Ye. Yu. Tonkov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
Sept 1969, pp 401-402.
CB

May 70

407,089

Fluctuations of Lake Levels in Northwestern
European USSR in the Middle and Late Holocene,
by P. M. Dolukhanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
1969, pp 403-405.
AGI

July 70

The Lower Paleocene in the Northwest of the Black
Sea Region of the Ukraine, by I. D. Konenkova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
1969, pp 406-407.
AGI

July 70

Optimum Depths for the Formation of Oil in the
Terrigenous Jurassic in Eastern Ciscaucasia, by
A. I. Konyukhov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
1969, pp 408-411.
AGI

July 70

Tectonic Elements of the Basement of the East
European Platform, by A. S. Novikova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
1969, pp 412-413.
AGI

July 70

New Finds of Dipnoi in the Section of the
Bol'Shoye Bogdo Mountain, by S. P. Rykov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
1969, pp 414-416.
AGI

July 70

Evolution of the Chingiz and Arkalyk Anticlinoria,
Eastern Kazakhstan, in Late Cambrian to Middle
Ordovician Time, by S. G. Samygin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
1969, pp 417-420.
AGI

July 70

Fluorite Deposits as Indicators of Tectono-
magmatic Processes, by A. D. Shcheglov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,
1969, pp 421-423.
AGI

July 70